

**(57) Abstract**

A method for routing packets in a mobile ad hoc network comprising a plurality of wireless mobile nodes. The mobile nodes maintain and acquire routing information on other mobile nodes and route packets to other mobile nodes on the basis of mobile node specific paths. In addition to the network layer IP addresses, mobile node specific routing addresses are composed for packets from the network layer addresses or unique device identifiers to be used as source and destination addresses of packets. Packets are routed between the mobile nodes of the mobile ad hoc network on the basis of the routing addresses.

(Figure 2)